

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL063020\
 Data File : VL035129.D
 Acq On : 30 Jun 2020 17:39
 Operator : SY/AP
 Sample : L3124-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MID

Manual Integrations
 APPROVED

MMDadoda
 7/2/2020 5:00:39 PM

Quant Time: Jul 01 14:52:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Sat Jun 20 2020
 QLast Update : Sat Jun 20 02:10:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1271115	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.20	114	3013235	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.13	117	2856377	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	2360906	9.95	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.01	85	39474	0.230	ppbv	95
3) Chlorodifluoromethane	2.95	51	44824m	0.319	ppbv	
4) Chloromethane	3.10	50	42273	0.537	ppbv #	88
7) Chloroethane	3.53	64	14979m	0.531	ppbv	
9) Propene	2.97	41	4614255	82.986	ppbv	97
10) Heptane	8.14	43	79149m	0.549	ppbv	
11) Trichlorofluoromethane	3.93	101	60473	0.330	ppbv	91
12) 1,1,2-Trichlorotrifluoroet	4.48	101	59927	0.473	ppbv	98
13) Ethanol	3.59	45	2937114	139.828	ppbv	97
15) Acetone	3.83	43	10087921	65.642	ppbv #	11
17) tert-Butyl alcohol	4.30	59	1528380	11.222	ppbv	99
18) 1,1-Dichloroethene	4.28	96	132161	2.311	ppbv	99
19) Isopropyl Alcohol	3.97	45	6885364	69.000	ppbv #	1
20) Methylene Chloride	4.34	84	350623	5.637	ppbv	95
22) trans-1,2-Dichloroethene	4.88	96	42370	0.792	ppbv	91
24) 1,1-Dichloroethane	5.02	63	1072810	6.821	ppbv	99
32) 1,1,1-Trichloroethane	6.53	97	1070898	5.900	ppbv	99
34) 2-Butanone	5.25	43	18388010	106.263	ppbv #	50
35) Carbon Tetrachloride	7.04	117	6995m	0.039	ppbv	
36) Benzene	6.91	78	66180m	0.284	ppbv	
38) Trichloroethene	7.87	130	3531m	0.039	ppbv	
44) 2,2,4-Trimethylpentane	7.89	57	110319m	0.271	ppbv	
50) 4-Methyl-2-Pentanone	8.76	43	166842m	0.679	ppbv	
51) 2-Hexanone	10.16	43	5621690	29.197	ppbv #	96
53) Toluene	9.83	91	193952m	0.779	ppbv	
58) Ethyl Benzene	12.75	91	51192m	0.160	ppbv	
59) m/p-Xylene	13.01	91	113353m	0.399	ppbv	
60) o-Xylene	13.74	91	48036m	0.170	ppbv	
61) Styrene	13.57	104	22684m	0.127	ppbv	
74) 1,2,4-Trimethylbenzene	16.81	105	60992m	0.184	ppbv	
75) 1,3-Dichlorobenzene	17.04	146	67446m	0.340	ppbv	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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